

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration
MATERIAL SAFETY DATA SHEET
Required under USOL Safety and Health Regulations for Ship Repairing,
Shoebuilding, and Shoebreaking (29 CFR 1915, 1918, 1917)

MANUFACTURER'S NAME: **Ricoh Co., Ltd.**
ADDRESS: **1-3-6, Nakamagome, Ota-ku, Tokyo, Japan**
CHEMICAL NAME AND SYNONYMS: **Resinated carbon black and iron powder Ricoh FT developer type 3000**
CHEMICAL FAMILY: **FORMULA**

SECTION II - HAZARDOUS INGREDIENTS

PERCENTAGE	NAME	TLV (ppm)	TLV (mg/m ³)
3.5	BASE METAL		
	ALLOYS		
96.5	METALLIC COATINGS		
	FILLER METAL PLUS COATING OR CORE FLUX		
	OTHERS		

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES

Not applicable

SECTION III - PHYSICAL DATA

BOILING POINT (°F)	N.A.	SPECIFIC GRAVITY (H ₂ O=1)	7.0
VAPOR PRESSURE (mm Hg)	N.A.	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE	N.A.
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Odorless black powder		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used):

EXTINGUISHING MEDIA: **If product becomes involved in a fire, use CO₂ dry chemical.**

SPECIAL FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS: **None**

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:

EFFECTS OF OVEREXPOSURE: **Health hazard is minimal, being neither irritating, corrosive nor toxic. There is no health hazard in normal use condition.**

EMERGENCY AND FIRST AID PROCEDURES: **Contact with skin: Wash with soap and water. In eyes: Try to remove or flush out with eye drops. If unsuccessful, get medical attention.**

SECTION VI - REACTIVITY DATA

STABILITY: **UNSTABLE**

INCOMPATIBILITY (Materials to avoid): **X**

HAZARDOUS POLYMERIZATION: **None in normal handling and use.**

HAZARDOUS DECOMPOSITION PRODUCTS: **None in normal handling and use.**

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

If spilled, sweep up or pick up by vacuum cleaner.

WASTE DISPOSAL METHOD:

Disposal should conform to local regulation.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): **None needed**

VENTILATION: **LOCAL EXHAUST**

PROTECTIVE GLOVES: **None needed**

OTHER PROTECTIVE EQUIPMENT: **None needed**

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep containers closed. Store in a cool and dry place.

OTHER PRECAUTIONS: **Do not handle in areas where the wind blows. Flying powder may enter into eyes. Avoid inhalation of dust.**

PAGE (2) Ricoh FT Toner type 3000

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S. Shimizu